



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street Building 201

Richmond, CA 94804

Subject: Analytical Testing Results - Project R05S67

SDG: 05237A

From: Brenda Bettencourt, Director

EPA Region 9 Laboratory

PMD-2

To: Chris Lichens

Site Cleanup Section 4

SFD-7-4

Attached are the results from the analysis of samples from the **Omega Chemical OU1 August 2005 Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

1,4-Dioxane



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Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Chris Lichens

Project Number: R05S67

Project: Omega Chemical OU1 August 2005
Sampling

Site Cleanup Section 4

**75 Hawthorne Street
San Francisco CA, 94105**

SDG: 05237A

Reported: 09/27/05 09:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC1-OW1-W-0-47	0508049-01	Water	08/24/05 09:29	08/25/05 09:35
OC1-OW8A-W-0-48	0508049-02	Water	08/24/05 11:00	08/25/05 09:35
OC1-OW6-W-5-49	0508049-03	Water	08/24/05 13:15	08/25/05 09:35



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Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0508049-01						Water - Sampled: 08/24/05 09:29		
Sample ID: OC1-OW1-W-0-47						Semivolatile Organic Compounds by EPA Method 8270C		
Surrogate: 1,4-Dioxane-d8	2.04		43 %		18-130%	B5H0125	08/29/05 08/30/05	
Lab ID: 0508049-01RE1						Water - Sampled: 08/24/05 09:29		
Sample ID: OC1-OW1-W-0-47						Semivolatile Organic Compounds by EPA Method 8270C		
1,4-Dioxane	4100		190	ug/L	B5H0125	08/29/05	08/30/05	8270C/SOP315
Lab ID: 0508049-02						Water - Sampled: 08/24/05 11:00		
Sample ID: OC1-OW8A-W-0-48						Semivolatile Organic Compounds by EPA Method 8270C		
Surrogate: 1,4-Dioxane-d8	1.95		41 %		18-130%	B5H0125	08/29/05 08/30/05	
Lab ID: 0508049-02RE1						Water - Sampled: 08/24/05 11:00		
Sample ID: OC1-OW8A-W-0-48						Semivolatile Organic Compounds by EPA Method 8270C		
1,4-Dioxane	7600		200	ug/L	B5H0125	08/29/05	08/30/05	8270C/SOP315
Lab ID: 0508049-03						Water - Sampled: 08/24/05 13:15		
Sample ID: OC1-OW6-W-5-49						Semivolatile Organic Compounds by EPA Method 8270C		
1,4-Dioxane	0.7	C1, J	1.0	ug/L	B5H0125	08/29/05	08/30/05	8270C/SOP315
Surrogate: 1,4-Dioxane-d8	3.15		65 %		18-130%	"	"	"



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Prepared: 08/29/05 Analyzed: 08/30/05

Semivolatle Organic Compounds by EPA Method 8270C - Quality Control

Batch B5H0125 - 3520B CLLE -

1,4-Dioxane

Blank (B5H0125-BLK1)

1,4-Dioxane	ND	U	1.0	ug/L						
Surrogate: 1,4-Dioxane-d8	3.35			"	4.96		68	18-130		

LCS (B5H0125-BS1)

1,4-Dioxane	10.5		1.0	ug/L	9.99		105	59-130		
Surrogate: 1,4-Dioxane-d8	3.58			"	4.99		72	18-130		

Matrix Spike (B5H0125-MS1)

Source: 0508049-03

1,4-Dioxane	24.1		2.0	ug/L	19.9	0.688	118	64-130		
Surrogate: 1,4-Dioxane-d8	6.40			"	9.97		64	18-130		

Matrix Spike Dup (B5H0125-MSD1)

Source: 0508049-03

1,4-Dioxane	20.4		1.8	ug/L	18.1	0.688	109	64-130	17	20
Surrogate: 1,4-Dioxane-d8	5.07			"	9.06		56	18-130		



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Qualifiers and Comments

J	The reported result for this analyte should be considered an estimated value.
C1	The reported concentration for this analyte is below the quantitation limit.
U	Not Detected
NR	Not Reported